

10/575447

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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Christian MULLER, Jean-Louis DUPIN and Jean-  
Claude HEITZLER  
Serial no. :  
Filed :  
For : with an effective filing date of October 13, 2004  
DEVICE FOR GENERATING A THERMAL FLUX  
WITH MAGNETO-CALORIC MATERIAL  
Group Art Unit :  
Examiner :  
Docket : NITROF P65AUS

The Commissioner for Patents  
U.S. Patent & Trademark Office  
P. O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In connection with this matter, the Applicant hereby attaches United States Patent Office Form PTO/SB/08a and copies of the information listed in the enclosed PTO/SB/08a form, unless otherwise indicated on such Form.

The concise explanation, concerning the now submitted foreign language documents, is found either on pages 2, 3 and 4 of the specification of the present application or on the submitted International Search Report (see MPEP § 609). Also enclosed, please find an English translation of the concise explanation, i.e., the category of relevance as asserted by the **German** searching authority, concerning the relevance of each foreign language document.

In the event that there are any fee deficiencies or additional fees are payable, please charge the same or credit any overpayment to our Deposit Account (Account No. 04-0213).

Respectfully submitted,

  
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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>	<b>Complete if Known</b>	
	Application Number	
	Filing Date	with an effective filing date of October 13, 2004
	First Named Inventor	Christian MULLER, Jean-Louis DUPIN and Jean-Claude HEITZLER
	Art Unit	
	Examiner Name	
Sheet 1 of 1	Attorney Docket Number	NITROF P65AUS

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	US-4,674,288	06/23/1987	KURIYAMA ET AL.	
	A2	US-			
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			
	A12	US-			
	A13	US-			
	A14	US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> No. <sup>4</sup> Kind Code <sup>5</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	B1	FR 2 525 748	04/22/1983	HITACHI, LTD.		✓
	B2	FR 2 601 440	01/15/1988	HITACHI LTD.		
	B3	WO 03/050456	06/19/2003	ASTRONAUTICS		
	B4					
	B5					
	B6					

Examiner Signature		Date Considered	
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		Application Number	
		Filing Date	with an effective filing date of October 13, 2004
		First Named Inventor	Christian MULLER, Jean-Louis DUPIN and Jean-Claude HEITZLER
		Art Unit	
		Examiner Name	
Sheet	1	of	1
		Attorney Docket Number	NITROF P65AUS

  

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	KIROL L D ET AL: "ROTARY RECUPERATIVE MAGNETIC HEAT PUMP" ADVANCES IN CRYOGENIC ENGINEERING. ST. CHARLES, ILLINOIS, 14-18 JUNE, 1987, PROCEEDINGS OF THE CRYOGENIC ENGINEERING CONFERENCE, NEW YORK, PLENUM PRESS, US, VOL. 33, 1988, PAGES 757-765, XP002047554.	✓
	C2		
	C3		
	C4		
	C5		
	C6		
	C7		
	C8		
	C9		
	C10		

  

Examiner Signatures		Date Considered	
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